

Andrew Freistein 10/702,149

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 AUG 09 INSPEC enhanced with 1898-1968 archive  
NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced  
NEWS 5 AUG 30 CA(SM)/Cplus(SM) Austrian patent law changes  
NEWS 6 SEP 11 CA/Cplus enhanced with more pre-1907 records  
NEWS 7 SEP 21 CA/Cplus fields enhanced with simultaneous left and right  
truncation  
NEWS 8 SEP 25 CA(SM)/Cplus(SM) display of CA Lexicon enhanced  
NEWS 9 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates  
NEWS 10 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine  
NEWS 11 SEP 28 CEABA-VTB classification code fields reloaded with new  
classification scheme  
NEWS 12 OCT 18 The Derwent World Patents Index suite of databases on STN will  
be enhanced and reloaded on October 22, 2006  
  
NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:21:25 ON 18 OCT 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:21:36 ON 18 OCT 2006

10/23/2006

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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8  
DICTIONARY FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10702149\a.str



chain nodes :

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8 14 15 16 20 21  
ring nodes :  
1 2 3 4 5 9 10 11 12 13  
chain bonds :  
3-8 12-14 15-16 15-20 20-21  
ring bonds :  
1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13  
exact/norm bonds :  
1-2 1-5 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16 20-21  
exact bonds :  
15-20

G2:H,X,Ak,CN

G3:[\*1],[\*2]

Match level :

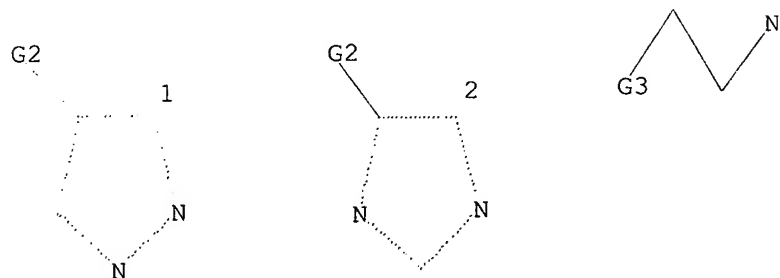
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom  
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1

G2 H,X,Ak,CN

G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 16:21:58 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12621 TO ITERATE

15.8% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 245689 TO 259151

10/23/2006

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PROJECTED ANSWERS: 228010 TO 240986

L2 50 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\10702149\A2.str



chain nodes :

8 14 15 16 20 21 22

ring nodes :

1 2 3 4 5 9 10 11 12 13

chain bonds :

3-8 12-14 15-16 15-20 20-21 20-22

ring bonds :

1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13

exact/norm bonds :

1-2 1-5 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16 20-21  
20-22

exact bonds :

15-20

G2:H,X,Ak,CN

G3:[\*1],[\*2]

Match level :

10/23/2006

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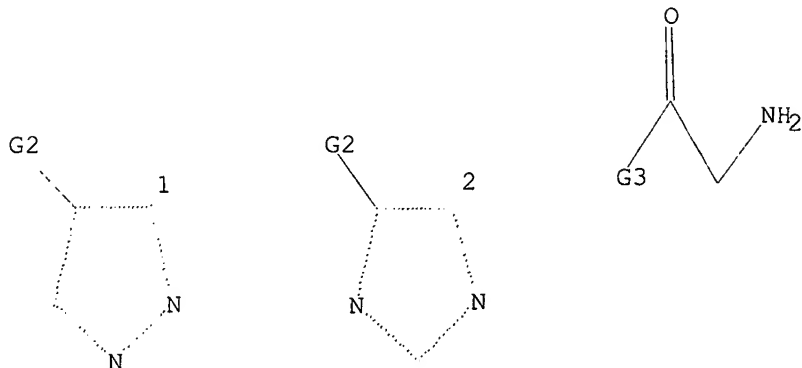
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom  
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS 22:CLASS

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



G1

G2 H, X, Ak, CN

G3 [01], [02]

Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 16:23:25 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 174 TO ITERATE

100.0% PROCESSED 174 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2689 TO 4271  
PROJECTED ANSWERS: 2 TO 124

L4 2 SEA SSS SAM L3

=> s 14 full

FULL SEARCH INITIATED 16:23:31 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3286 TO ITERATE

100.0% PROCESSED 3286 ITERATIONS 10 ANSWERS  
SEARCH TIME: 00.00.01

L5 10 SEA SSS FUL L3

=> file hcplus

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	167.82	168.03

FILE 'HCAPLUS' ENTERED AT 16:23:37 ON 18 OCT 2006  
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FILE COVERS 1907 - 18 Oct 2006 VOL 145 ISS 17  
FILE LAST UPDATED: 17 Oct 2006 (20061017/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 110

L10 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s 15

L6 10 L5

=> d ibib hitstr 1-10

L6 ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:523288 HCAPLUS

DOCUMENT NUMBER: 143:59991

TITLE: Preparation of fused imidazole derivatives such as dihydroimidazopyridazine, dihydroimidzopolpyridine, hypoxanthine, and xanthine derivatives and preventives or therapeutic agents for multiple sclerosis

INVENTOR(S): Muramoto, Kenzo; Yasuda, Nobuyuki

PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan

SOURCE: PCT Int. Appl., 139 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

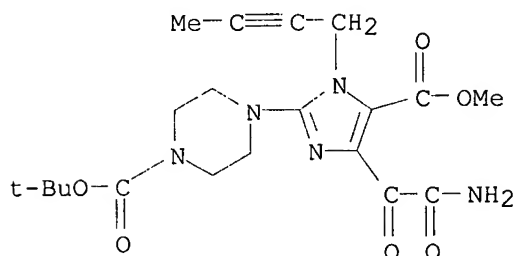
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005053695	A1	20050616	WO 2004-JP14857	20041007
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,			

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

PRIORITY APPLN. INFO.: JP 2003-405337 A 20031204  
 OTHER SOURCE(S): MARPAT 143:59991  
 IT 635723-13-6P, 4-[4-[(Aminocarbonyl)carbonyl]-1-(2-butynyl)-5-  
 methoxycarbonyl-1H-imidazol-2-yl]piperazine-1-carboxylic acid tert-butyl  
 ester  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation of fused imidazole derivs. such as  
 dihydroimidazopyridazine, dihydroimidzolpyridine, hypoxanthine, and  
 xanthine derivs. and preventives or therapeutic agents for multiple  
 sclerosis)  
 RN 635723-13-6 HCAPLUS  
 CN 1-Piperazinecarboxylic acid, 4-[4-(aminooxoacetyl)-1-(2-butynyl)-5-  
 (methoxycarbonyl)-1H-imidazol-2-yl]-, 1,1-dimethylethyl ester (9CI) (CA  
 INDEX NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:287778 HCAPLUS  
 DOCUMENT NUMBER: 140:303701  
 TITLE: Preparation of piperazine derivatives as dipeptidyl  
 peptidase IV inhibitors  
 INVENTOR(S): Yasuda, Nobuyuki; Yamazaki, Kazuto  
 PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 302 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004028524	A1	20040408	WO 2003-JP12075	20030922
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR,			

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 CA 2498423 AA 20040408 CA 2003-2498423 20030922  
 AU 2003266559 A1 20040419 AU 2003-266559 20030922  
 AU 2003266559 A2 20050707  
 EP 1557165 A1 20050727 EP 2003-798438 20030922  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 BR 2003014655 A 20050802 BR 2003-14655 20030922  
 CN 1700911 A 20051123 CN 2003-825394 20030922  
 NO 2005002018 A 20050622 NO 2005-2018 20050425  
 US 2006094722 A1 20060504 US 2006-528353 20060103  
 PRIORITY APPLN. INFO.: JP 2002-280137 A 20020926  
 JP 2003-117927 A 20030423  
 WO 2003-JP12075 W 20030922

OTHER SOURCE(S): MARPAT 140:303701

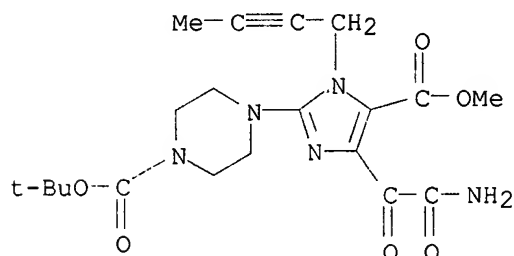
IT 635723-13-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)

(intermediate; preparation of piperazine derivs. as dipeptidyl peptidase IV  
 inhibitors)

RN 635723-13-6 HCAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-(aminooxoacetyl)-1-(2-butyryl)-5-  
 (methoxycarbonyl)-1H-imidazol-2-yl]-, 1,1-dimethylethyl ester (9CI) (CA  
 INDEX NAME)



L6 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:991509 HCAPLUS

DOCUMENT NUMBER: 140:42192

TITLE: Preparation of purinone derivatives as  
 dipeptidylpeptidase IV (DPP-IV) inhibitors

INVENTOR(S): Yoshikawa, Seiji; Emori, Eita; Matsuura, Fumiyoshi;  
 Richard, Clark; Ikuta, Hironori; Kira, Kazunobu;  
 Yasuda, Nobuyuki; Nagakura, Tadashi; Yamazaki, Kazuto

PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan

SOURCE: PCT Int. Appl., 376 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

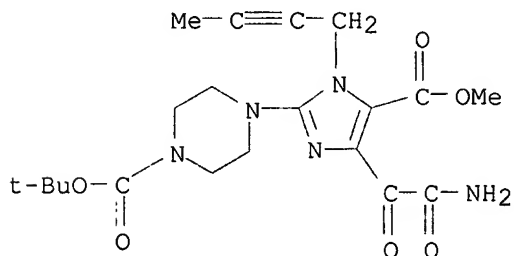
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003104229	A1	20031218	WO 2003-JP7010	20030603
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2485641	AA	20031218	CA 2003-2485641	20030603
AU 2003241960	A1	20031222	AU 2003-241960	20030603
EP 1514552	A1	20050316	EP 2003-733276	20030603
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003011697	A	20050322	BR 2003-11697	20030603
JP 3675813	B2	20050727	JP 2004-511299	20030603
CN 1675208	A	20050928	CN 2003-818968	20030603
US 2004116328	A1	20040617	US 2003-457002	20030606
JP 2005145951	A2	20050609	JP 2004-249414	20040830
NO 2005000054	A	20050210	NO 2005-54	20050105
US 2006100199	A1	20060511	US 2005-516971	20050816
US 2006063787	A1	20060323	US 2005-212407	20050826
PRIORITY APPLN. INFO.:			JP 2002-166069	A 20020606
			JP 2002-209373	A 20020718
			JP 2002-307750	A 20021023
			JP 2004-511299	A3 20030603
			WO 2003-JP7010	W 20030603
			US 2003-457002	B1 20030606
OTHER SOURCE(S):	MARPAT 140:42192			
IT 635723-13-6P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(preparation of purinone derivs. as dipeptidylpeptidase IV inhibitors)				
RN 635723-13-6 HCAPLUS				
CN 1-Piperazinecarboxylic acid, 4-[4-(aminooxoacetyl)-1-(2-butynyl)-5-(methoxycarbonyl)-1H-imidazol-2-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)				

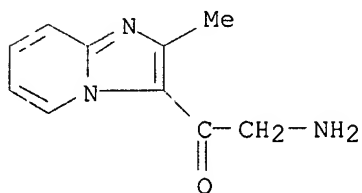


REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:366971 HCAPLUS  
 DOCUMENT NUMBER: 136:386124

TITLE: Preparation of amidoalkyluracils as inhibitors of poly(ADP-ribose)synthetase (PARS)  
 INVENTOR(S): Albrecht, Barbara; Gerisch, Michael; Handke, Gabriele; Jensen, Axel; Krahn, Thomas; Nickl, Werner; Oehme, Felix; Schlemmer, Karl-Heinz; Steinhagen, Henning  
 PATENT ASSIGNEE(S): Bayer Ag, Germany  
 SOURCE: Ger. Offen., 70 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10056312	A1	20020516	DE 2000-10056312	20001114
CA 2428335	AA	20020523	CA 2001-2428335	20011102
WO 2002040455	A1	20020523	WO 2001-EP12694	20011102
WO 2002040455	C1	20020718		
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002024825	A5	20020527	AU 2002-24825	20011102
EP 1339699	A1	20030903	EP 2001-994632	20011102
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2005075347	A1	20050407	US 2003-416622	20031229
PRIORITY APPLN. INFO.:			DE 2000-10056312	A 20001114
			WO 2001-EP12694	W 20011102
OTHER SOURCE(S):		MARPAT 136:386124		
IT	425634-94-2P			
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of amidoalkyluracils as inhibitors of poly(ADP-ribose)synthetase (PARS))				
RN	425634-94-2 HCAPLUS			
CN	Ethanone, 2-amino-1-(2-methylimidazo[1,2-a]pyridin-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)			



● HCl

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L6 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:968342 HCAPLUS

DOCUMENT NUMBER: 124:193346

TITLE: The chemistry of pseudomonic acid. Part 14. Synthesis and in vivo biological activity of heterocycle-substituted oxazole derivatives

AUTHOR(S): Broom, N. J. P.; Elder, J. S.; Hannan, P. C. T.; Pons, J. E.; O'Hanlon, P. J.; Walker, G.; Wilson, J.; Woodall, P.

CORPORATE SOURCE: SmithKline Beecham Pharmaceuticals, Betchworth, Surrey, RH3 7AJ, UK

SOURCE: Journal of Antibiotics (1995), 48(11), 1336-44

CODEN: JANTAJ; ISSN: 0021-8820

PUBLISHER: Japan Antibiotics Research Association

DOCUMENT TYPE: Journal

LANGUAGE: English

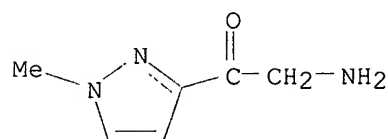
IT 173038-53-4P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation and bactericidal activity of heterocycle-substituted oxazole derivs.)

RN 173038-53-4 HCAPLUS

CN Ethanone, 2-amino-1-(1-methyl-1H-pyrazol-3-yl)-, monohydrochloride (9CI)  
(CA INDEX NAME)



● HCl

L6 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1990:624867 HCAPLUS

DOCUMENT NUMBER: 113:224867

TITLE: Formation of  $\beta$ -hydroxyhistamine from  $\beta$ -hydroxyhistidine in rat organs and characterization of its synthetic enzyme prepared from rat stomach

AUTHOR(S): Kamimura, Hiroshi; Hasegawa, Takeshi; Nakajima, Teruo

CORPORATE SOURCE: Dep. Neuropsychiatry, Kyoto Prefect. Univ. Med., Kyoto, 602, Japan

SOURCE: Biomedical Research (1989), 10(Suppl. 3), 241-50

CODEN: BRES5; ISSN: 0388-6107

DOCUMENT TYPE: Journal

LANGUAGE: English

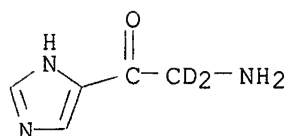
IT 127413-39-2P

RL: SPN (Synthetic preparation); PREP (Preparation)

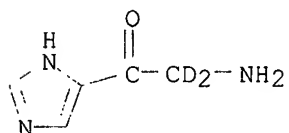
(preparation of)

RN 127413-39-2 HCAPLUS

CN Ethanone-2,2-d<sub>2</sub>, 2-amino-1-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



L6 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1990:403587 HCAPLUS  
DOCUMENT NUMBER: 113:3587  
TITLE: Formation of  $\beta$ -hydroxyhistamine from  
 $\beta$ -hydroxyhistidine. Its formation in rat organs  
and characterization of the synthesizing enzyme  
prepared from rat stomach  
AUTHOR(S): Kamimura, Hiroshi  
CORPORATE SOURCE: Dep. Neuropsychiatry, Kyoto Prefect. Univ. Med.,  
Kyoto, Japan  
SOURCE: Kyoto-furitsu Ika Daigaku Zasshi (1989), 98(12),  
1227-37  
CODEN: KFIZAO; ISSN: 0023-6012  
DOCUMENT TYPE: Journal  
LANGUAGE: Japanese  
IT 127413-39-2P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and use of, as internal standard for  $\beta$ -hydroxyhistamine)  
RN 127413-39-2 HCAPLUS  
CN Ethanone-2,2-d2, 2-amino-1-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



L6 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1987:176381 HCAPLUS  
DOCUMENT NUMBER: 106:176381  
TITLE: Oxodiazinylimidazopyridines, -pyrimidines, and  
-thiazoles  
INVENTOR(S): Oa, Hideki; Obata, Minoru; Yamanaka, Tsutomu;  
Mikashima, Hiroshi  
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan  
SOURCE: PCT Int. Appl., 31 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8607059	A2	19861204	WO 1986-JP241	19860512
WO 8607059	A3	19870312		
W: JP				
RW: AT, BE, CH, DE, FR, GB, IT, NL, SE				

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EP 226641	A1	19870701	EP 1986-902913	19860512
EP 226641	B1	19891018		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 63500031	T2	19880107	JP 1986-502620	19860512
AT 47393	E	19891115	AT 1986-902913	19860512
US 4713381	A	19871215	US 1986-867170	19860527
PRIORITY APPLN. INFO.:			JP 1985-112715	A 19850525
			EP 1986-902913	A 19860512
			WO 1986-JP241	W' 19860512

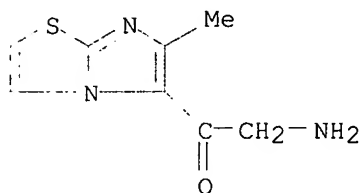
OTHER SOURCE(S): CASREACT 106:176381; MARPAT 106:176381

IT 107720-16-1

RL: RCT (Reactant); RACT (Reactant or reagent)  
(condensation of, with Et chloroformate)

RN 107720-16-1 HCAPLUS

CN Ethanone, 2-amino-1-(6-methylimidazo[2,1-b]thiazol-5-yl)-, hydrochloride  
(9CI) (CA INDEX NAME)



● x HCl

L6 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1985:6314 HCAPLUS

DOCUMENT NUMBER: 102:6314

TITLE: Oxygenated analogs of 4-[(1H-imidazol-4-yl)methyl]-2,5-dimethyloxazole

AUTHOR(S): Kukla, Michael J.; Fortunato, James M.

CORPORATE SOURCE: Dep. Chem., McNeil Pharm., Spring House, PA, 19477, USA

SOURCE: Journal of Organic Chemistry (1984), 49(25), 5003-6  
CODEN: JOCEAH; ISSN: 0022-3263

DOCUMENT TYPE: Journal

LANGUAGE: English

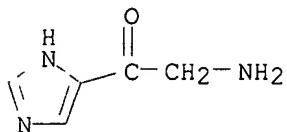
OTHER SOURCE(S): CASREACT 102:6314

IT 92901-93-4P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

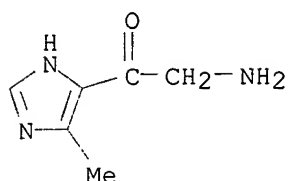
RN 92901-93-4 HCAPLUS

CN Ethanone, 2-amino-1-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



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L6 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1940:36013 HCAPLUS  
DOCUMENT NUMBER: 34:36013  
ORIGINAL REFERENCE NO.: 34:5446h-i  
TITLE: Synthesis of the alkamine derivatives of imidazole  
AUTHOR(S): Tamamusi, Yuzo  
SOURCE: Yakugaku Zasshi (1940), 60, 189-91  
CODEN: YKKZAJ; ISSN: 0031-6903  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
IT 858489-26-6, Ketone, aminomethyl 4-methyl-5-imidazolyl  
(derivs.)  
RN 858489-26-6 HCAPLUS  
CN Ketone, aminomethyl 4-methyl-5-imidazolyl (4CI) (CA INDEX NAME)



=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

52.81

220.84

FILE 'REGISTRY' ENTERED AT 16:27:31 ON 18 OCT 2006

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STRUCTURE FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

DICTIONARY FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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Uploading C:\Program Files\Stnexp\Queries\10702149\A3.str



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ring nodes :
1 2 3 4 5 9 10 11 12 13
chain bonds :
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ring bonds :
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exact/norm bonds :
1-2 1-5 1-23 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16
20-21 20-22 23-24 25-26
exact bonds :
10-25 15-20

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G2:H,X,Ak,CN

G3:[\*1],[\*2]

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:Atom 25:CLASS 26:Atom

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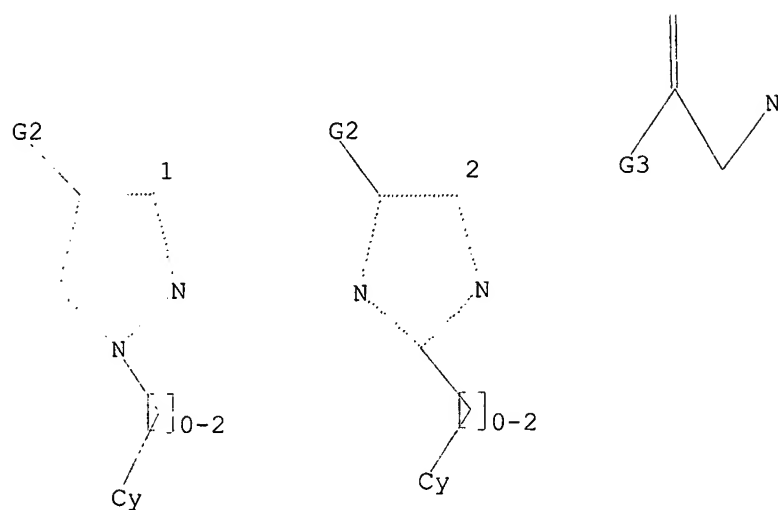
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=> d

L7 HAS NO ANSWERS

L7 STR



G1

G2 H, X, Ak, CN

G3 [01], [02]

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 174 TO ITERATE

100.0% PROCESSED 174 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 2689 TO 4271

PROJECTED ANSWERS: 2 TO 124

L8 2 SEA SSS SAM L7

=> s 17 full

FULL SEARCH INITIATED 16:28:02 FILE 'REGISTRY'

10/23/2006

Page 16



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FULL SCREEN SEARCH COMPLETED - 3286 TO ITERATE

100.0% PROCESSED 3286 ITERATIONS 38 ANSWERS  
SEARCH TIME: 00.00.01

L9 38 SEA SSS FUL L7

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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FILE 'HCAPLUS' ENTERED AT 16:28:05 ON 18 OCT 2006

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FILE COVERS 1907 - 18 Oct 2006 VOL 145 ISS 17

FILE LAST UPDATED: 17 Oct 2006 (20061017/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 19

L10 4 L9

=> d ibib hitstr 1-4

L10 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1027321 HCAPLUS

DOCUMENT NUMBER: 143:440330

TITLE: Studies on enamionitriles: A new synthesis of 1,3-substituted pyrazole-4-carbonitrile

AUTHOR(S): Ghozlan, Said Ahmed Soliman; Abdelhamid, Ismail Abdelshafy; Gaber, Hatem Moustafa; Elnagdi, Mohamed Hilmy

CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Cairo University, Giza, Egypt

SOURCE: Journal of Heterocyclic Chemistry (2005), 42(6), 1185-1189

CODEN: JHTCAD; ISSN: 0022-152X

PUBLISHER: HeteroCorporation

DOCUMENT TYPE: Journal

LANGUAGE: English

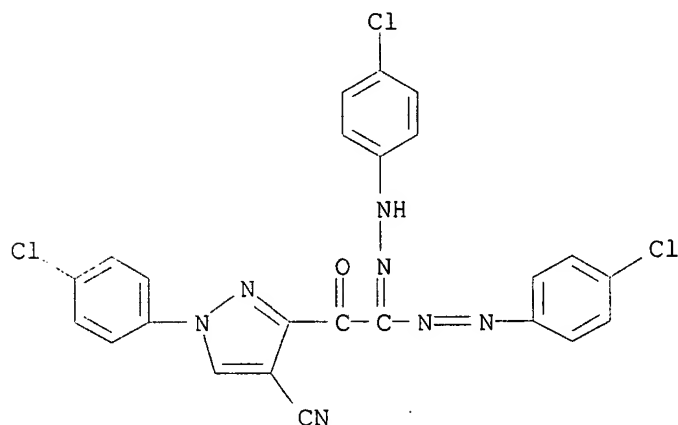
IT 868701-64-8P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of pyrazolecarbonitriles by 1,3-dipolar cycloaddn. of aminoacrylonitrile to hydrazoneyl chlorides)

RN 868701-64-8 HCAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-(4-chlorophenyl)-3-[[[(4-chlorophenyl)azo][(4-chlorophenyl)hydrazone]acetyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:515489 HCAPLUS

DOCUMENT NUMBER: 141:54345

TITLE: Preparation of pyrazoles and imidazoles as cannabinoid CB1 receptor antagonists.

INVENTOR(S): Dow, Robert Lee; Hammond, Marlys

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004052864	A1	20040624	WO 2003-IB5835	20031203
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004122074	A1	20040624	US 2003-702149	20031104
CA 2505887	AA	20040624	CA 2003-2505887	20031203
AU 2003286315	A1	20040630	AU 2003-286315	20031203
EP 1572662	A1	20050914	EP 2003-777058	20031203
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

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BR 2003017096	A	20051025	BR 2003-17096	20031203
JP 2006514942	T2	20060518	JP 2004-558286	20031203
PRIORITY APPLN. INFO.:			US 2002-432911P	P 20021212
			WO 2003-IB5835	W 20031203

OTHER SOURCE(S): MARPAT 141:54345

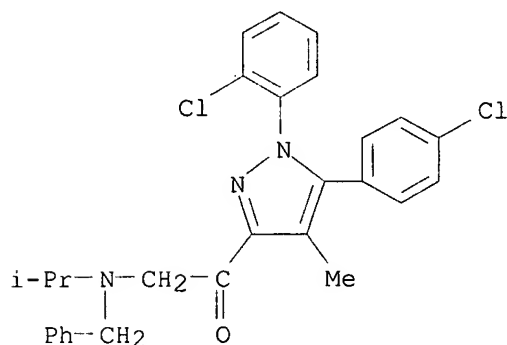
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709034-08-2P 709034-10-6P 709034-14-0P  
709034-15-1P 709034-23-1P 709034-27-5P  
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709034-42-4P 709034-46-8P 709034-47-9P  
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709034-84-4P 709034-90-2P 709035-03-0P  
709035-26-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of pyrazoles and imidazoles as cannabinoid CB1 receptor  
antagonists)

RN 709033-46-5 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(phenylmethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

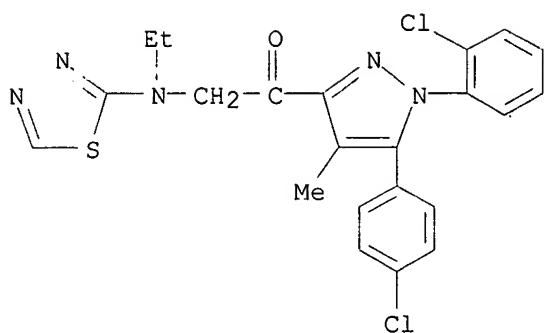
RN 709033-74-9 HCAPLUS

CN Formic acid, compd. with 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-(ethyl-1,3,4-thiadiazol-2-ylamino)ethanone (9CI) (CA INDEX NAME)

CM 1

CRN 709033-73-8

CMF C22 H19 Cl2 N5 O S



CM 2

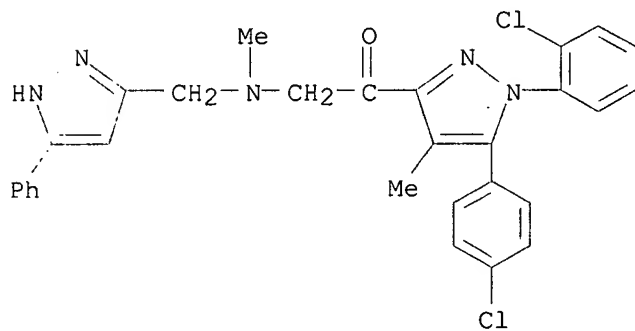
CRN 64-18-6

CMF C H2 O2

O=CH-OH

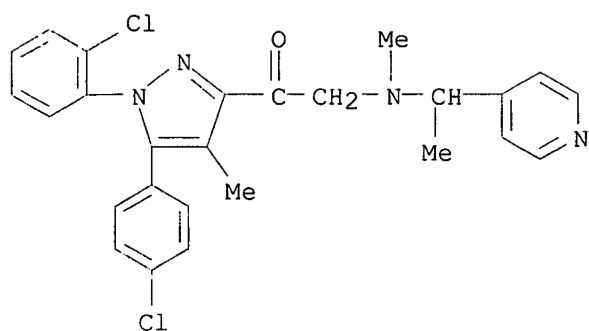
RN 709033-86-3 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[(5-phenyl-1H-pyrazol-3-yl)methyl]amino]- (9CI) (CA INDEX NAME)

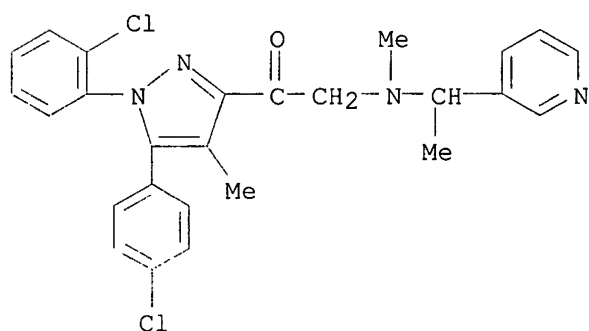


RN 709033-88-5 HCAPLUS

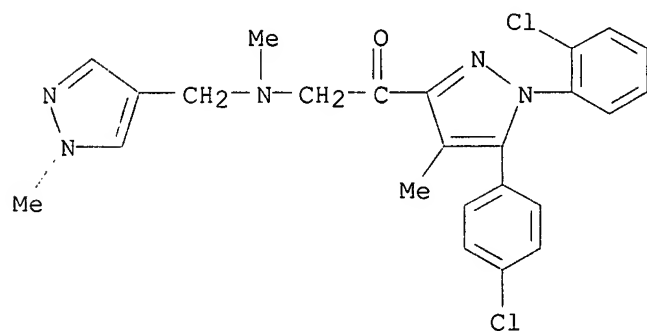
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[1-(4-pyridinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



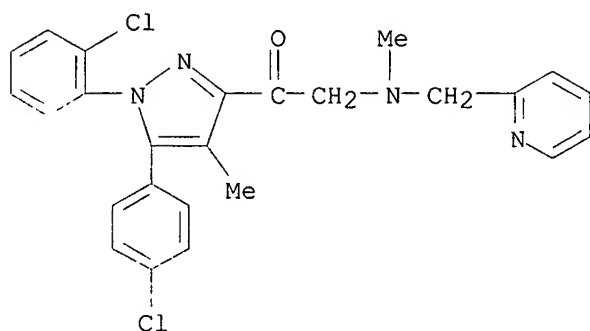
RN 709033-89-6 HCAPLUS  
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[1-(3-pyridinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



RN 709033-94-3 HCAPLUS  
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[(1-methyl-1H-pyrazol-4-yl)methyl]amino]- (9CI) (CA INDEX NAME)

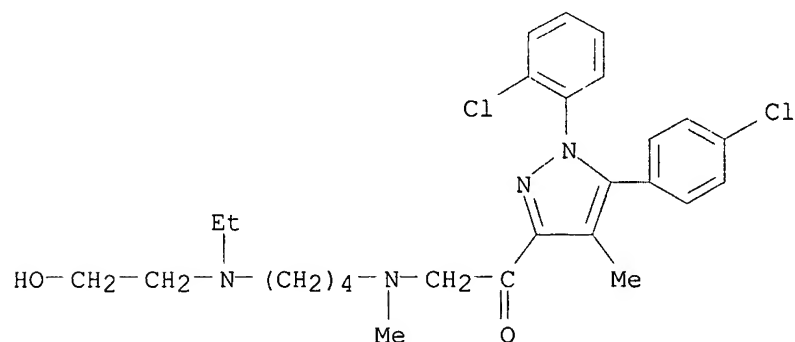


RN 709033-97-6 HCAPLUS  
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(2-pyridinylmethyl)amino]- (9CI) (CA INDEX NAME)



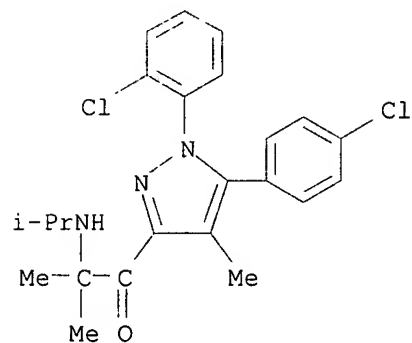
RN 709033-98-7 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[[4-[ethyl(2-hydroxyethyl)amino]butyl]methylamino]- (9CI) (CA INDEX NAME)



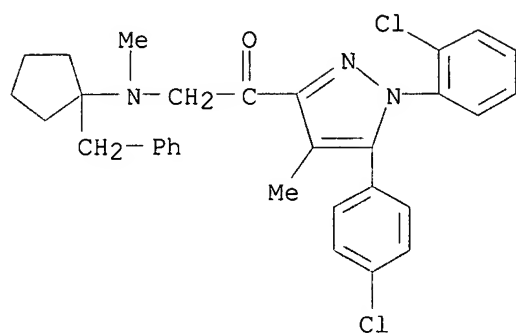
RN 709034-07-1 HCAPLUS

CN 1-Propanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-methyl-2-[(1-methylethyl)amino]- (9CI) (CA INDEX NAME)



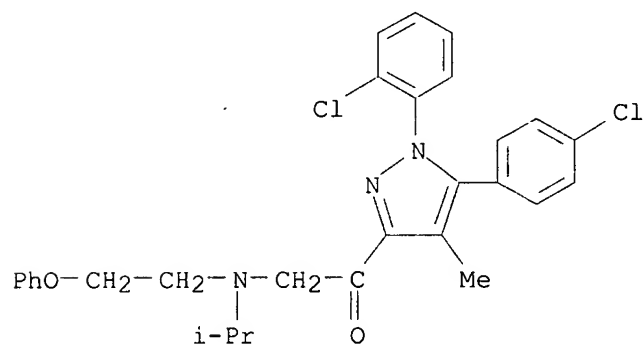
RN 709034-08-2 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[1-(phenylmethyl)cyclopentyl]amino]- (9CI) (CA INDEX NAME)



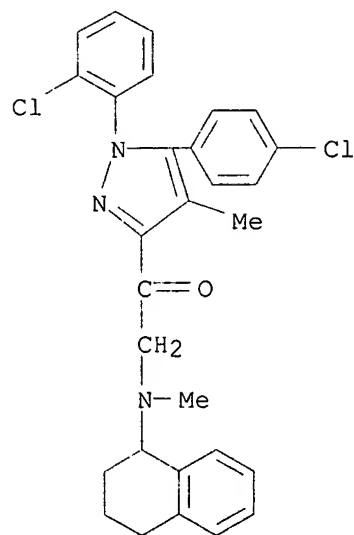
RN 709034-10-6 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(2-phenoxyethyl)amino]- (9CI) (CA INDEX NAME)



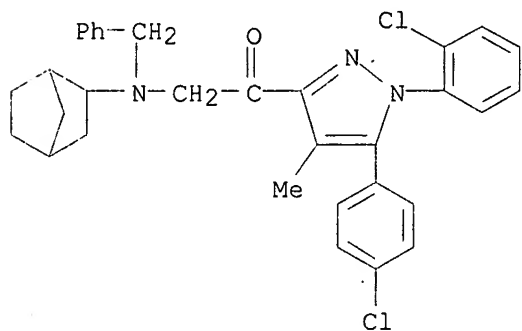
RN 709034-14-0 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(1,2,3,4-tetrahydro-1-naphthalenyl)amino]- (9CI) (CA INDEX NAME)



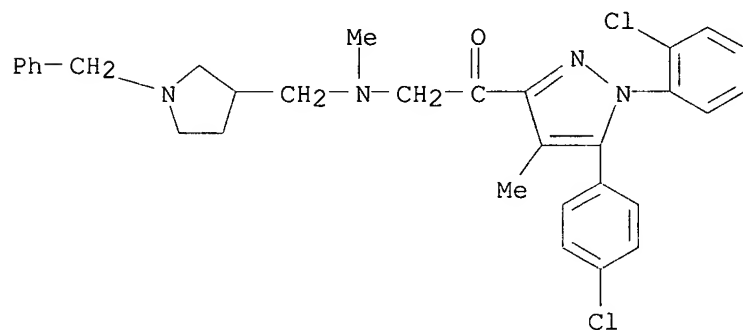
RN 709034-15-1 HCAPLUS

CN Ethanone, 2-[bicyclo[2.2.1]hept-2-yl (phenylmethyl) amino]-1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



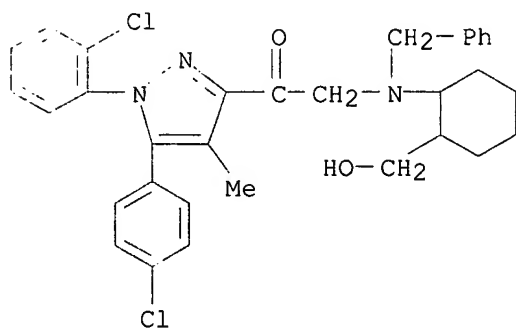
RN 709034-23-1 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[[1-(phenylmethyl)-3-pyrrolidinyl]methyl]amino]- (9CI) (CA INDEX NAME)



RN 709034-27-5 HCAPLUS

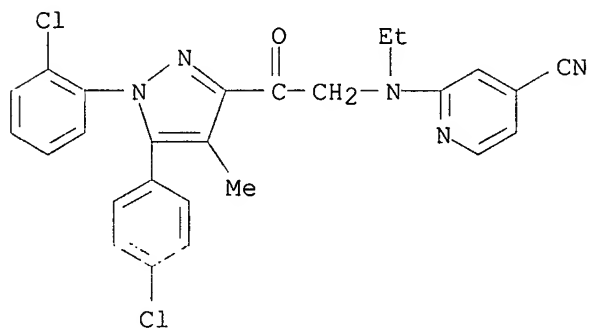
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[[2-(hydroxymethyl)cyclohexyl] (phenylmethyl) amino]- (9CI) (CA INDEX NAME)





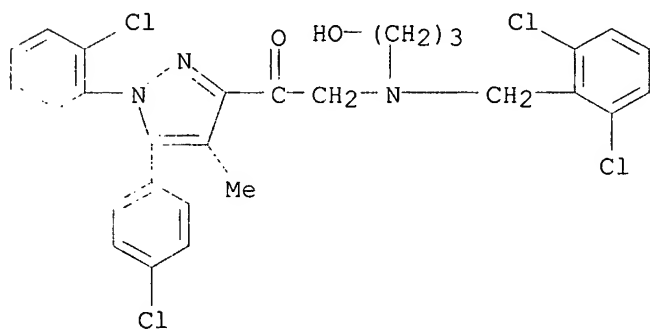
RN 709034-29-7 HCAPLUS

CN 4-Pyridinecarbonitrile, 2-[[2-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-oxoethyl]ethylamino]- (9CI) (CA INDEX NAME)



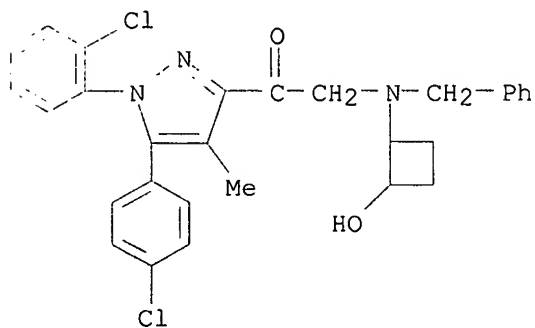
RN 709034-30-0 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[[ (2,6-dichlorophenyl)methyl] (3-hydroxypropyl) amino]- (9CI) (CA INDEX NAME)



RN 709034-31-1 HCAPLUS

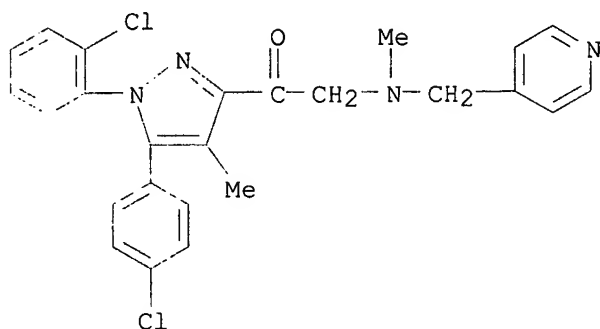
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(2-hydroxycyclobutyl) (phenylmethyl) amino]- (9CI) (CA INDEX NAME)



RN 709034-42-4 HCAPLUS

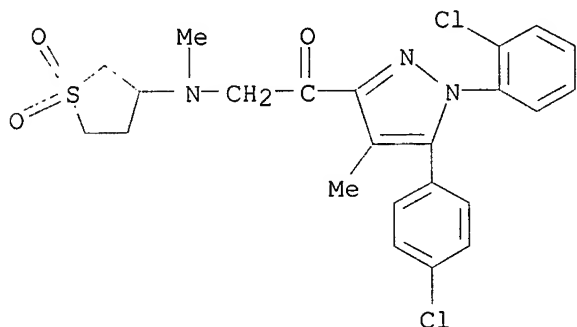
Andrew Freistein 10/702,149

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(4-pyridinylmethyl)amino]- (9CI) (CA INDEX NAME)



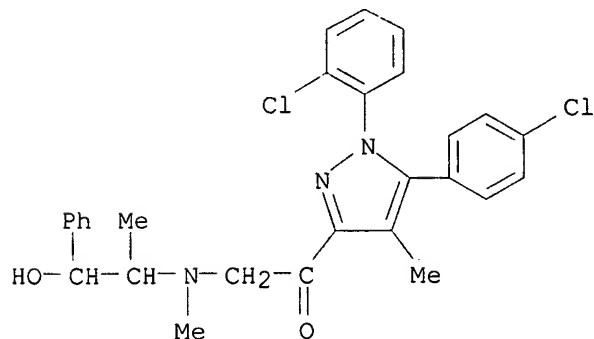
RN 709034-46-8 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(tetrahydro-1,1-dioxido-3-thienyl)amino]- (9CI) (CA INDEX NAME)



RN 709034-47-9 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(2-hydroxy-1-methyl-2-phenylethyl)methylamino]- (9CI) (CA INDEX NAME)

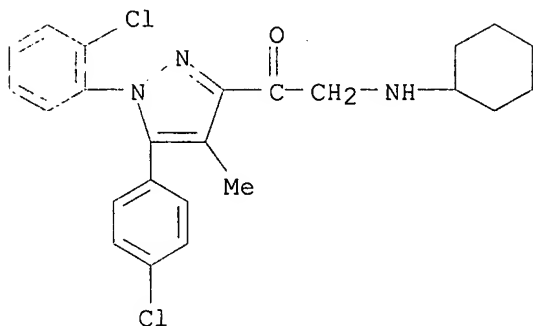


RN 709034-50-4 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-

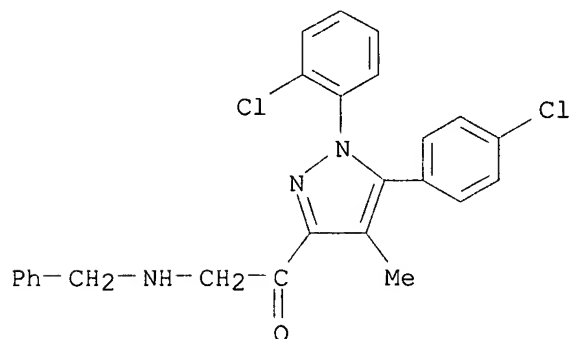
Andrew Freistein 10/702,149

yl]-2-(cyclohexylamino)- (9CI) (CA INDEX NAME)



RN 709034-51-5 HCAPLUS

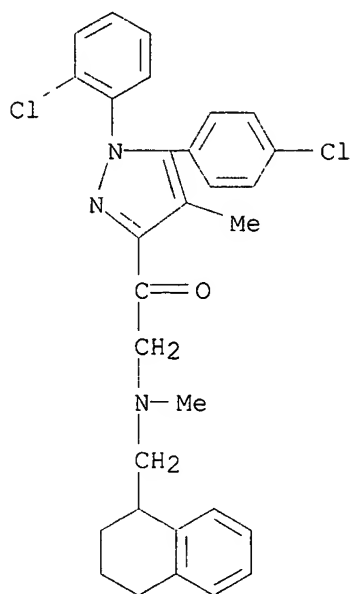
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(phenylmethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

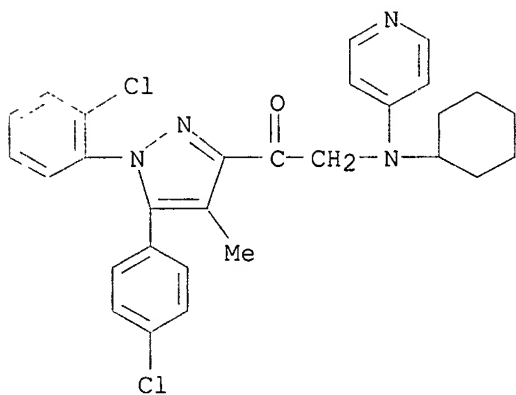
RN 709034-59-3 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[(1,2,3,4-tetrahydro-1-naphthalenyl)methyl]amino]- (9CI) (CA INDEX NAME)



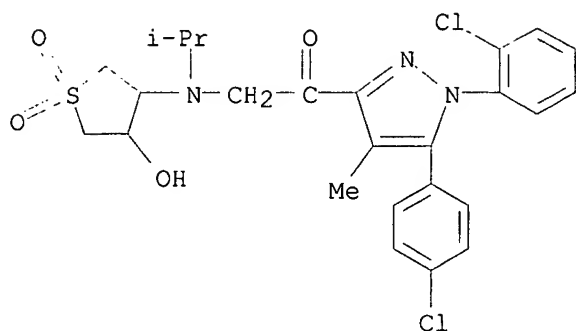
RN 709034-62-8 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-(cyclohexyl-4-pyridinylamino)- (9CI) (CA INDEX NAME)



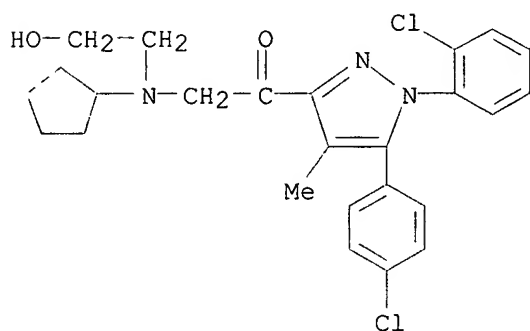
RN 709034-63-9 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(tetrahydro-4-hydroxy-1,1-dioxido-3-thienyl)amino]- (9CI) (CA INDEX NAME)



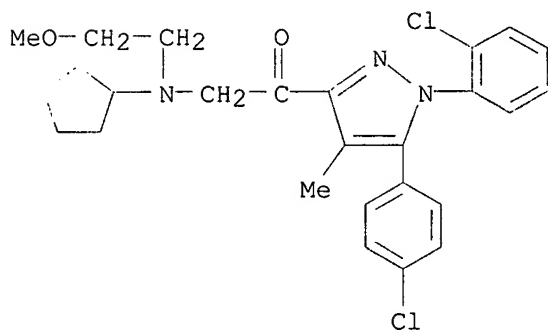
RN 709034-73-1 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[cyclopentyl(2-hydroxyethyl)amino]- (9CI) (CA INDEX NAME)



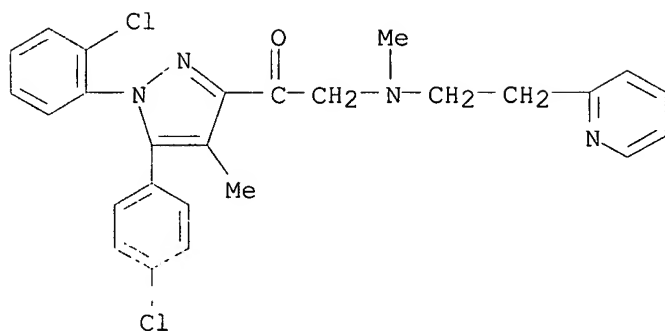
RN 709034-84-4 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[cyclopentyl(2-methoxyethyl)amino]- (9CI) (CA INDEX NAME)



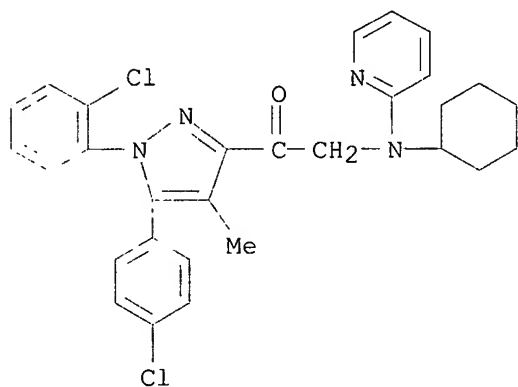
RN 709034-90-2 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(2-(2-pyridinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



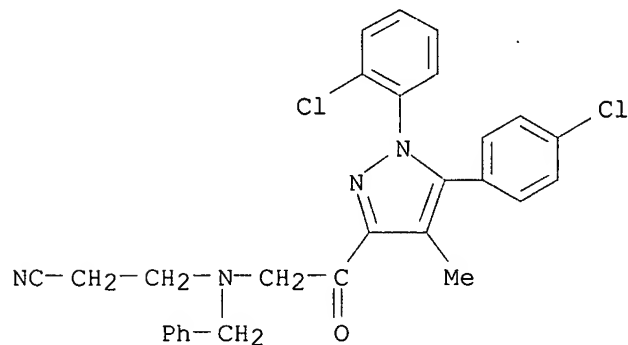
RN 709035-03-0 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-(cyclohexyl-2-pyridinylamino)- (9CI) (CA INDEX NAME)



RN 709035-26-7 HCAPLUS

CN Propanenitrile, 3-[[2-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-oxoethyl](phenylmethyl)amino]- (9CI) (CA INDEX NAME)



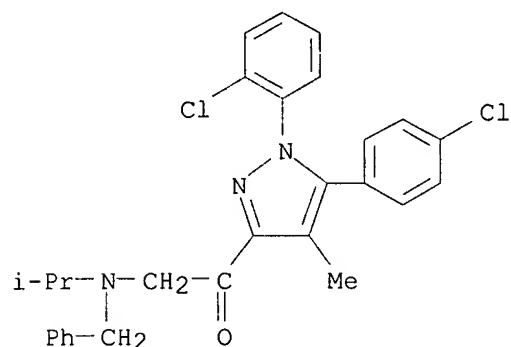
IT 709036-72-6

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of pyrazoles and imidazoles as cannabinoid CB1 receptor antagonists)

RN 709036-72-6 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



L10 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:46888 HCAPLUS

DOCUMENT NUMBER: 137:33494

TITLE: Amino acid derivatives as building blocks in solid phase synthesis: Use of diazomethyl ketones as 1,3-dipoles in cycloaddition reactions

AUTHOR(S): Mujica, M. Teresa; Jung, Gunther

CORPORATE SOURCE: Institut fur Organische Chemie, Eberhard-Karls-Universitat Tuingen Auf der Morgenstelle 18, Tuingen, D 72076, Germany

SOURCE: Innovation and Perspectives in Solid Phase Synthesis & Combinatorial Libraries: Peptides, Proteins and Nucleic Acids--Small Molecule Organic Chemistry Diversity, Collected Papers, International Symposium, 6th, York, United Kingdom, Aug. 31-Sept. 4, 1999 (2001), Meeting Date 1999, 327-330. Editor(s): Epton, Roger. Mayflower Scientific Ltd.: Kingswinford, UK. CODEN: 69CEGV; ISBN: 0-9515735-3-5

DOCUMENT TYPE: Conference

LANGUAGE: English

IT 436156-84-2P 436156-87-5P

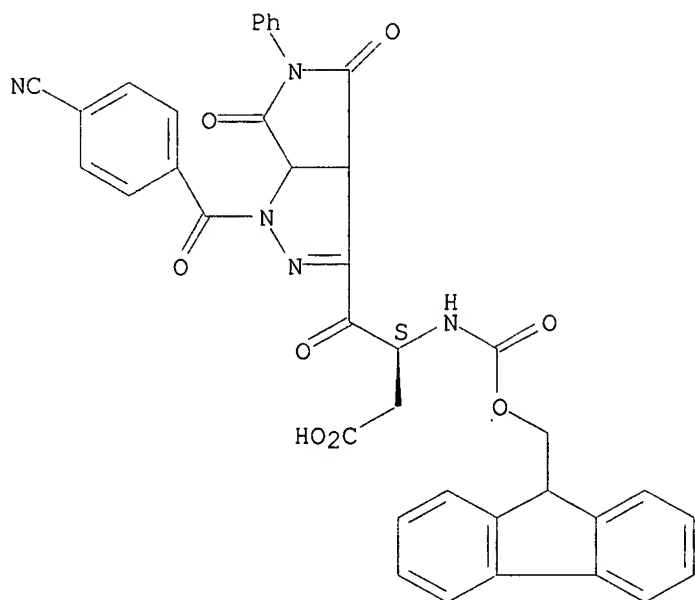
RL: SPN (Synthetic preparation); PREP (Preparation)

(solid-phase synthesis of triazabicycles using diazomethyl ketone amino acid derivs. as dipoles in cycloaddn. reactions)

RN 436156-84-2 HCAPLUS

CN Pyrrolo[3,4-c]pyrazole-3-butanoic acid, 1-(4-cyanobenzoyl)-β-[[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]-1,3a,4,5,6,6a-hexahydro-γ,4,6-trioxo-5-phenyl-, (βS)- (9CI) (CA INDEX NAME)

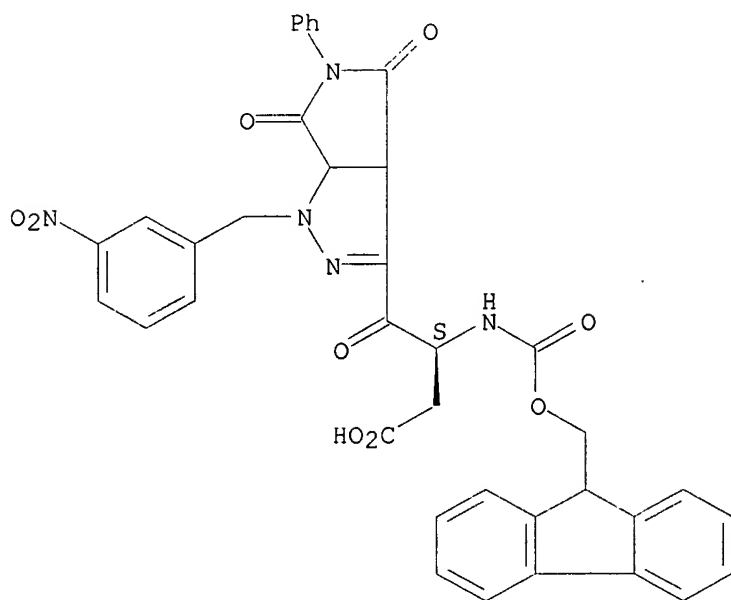
Absolute stereochemistry.



RN 436156-87-5 HCAPLUS

CN Pyrrolo[3,4-c]pyrazole-3-butanoic acid,  $\beta$ -[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]-1,3a,4,5,6,6a-hexahydro-1-[(3-nitrophenyl)methyl]- $\gamma$ ,4,6-trioxo-5-phenyl-, ( $\beta$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

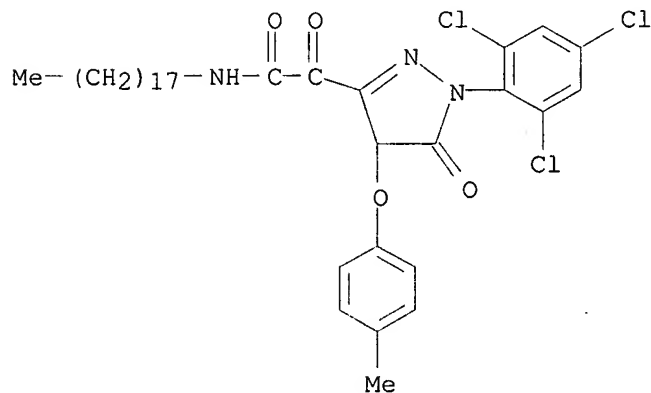
L10 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 1995:753428 HCAPLUS



Andrew Freistein 10/702,149

DOCUMENT NUMBER: 123:156267  
TITLE: Photographic element and process employing hue correction couplers.  
INVENTOR(S): Singer, Stephen Paul; Mooberry, Jared Ben  
PATENT ASSIGNEE(S): Eastman Kodak Co., USA  
SOURCE: Eur. Pat. Appl., 42 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
EP 649056	A2	19950419	EP 1994-202998	19941015
EP 649056	A3	19950927		
EP 649056	B1	19990217		
R: BE, CH, DE, FR, GB, IT, LI, NL				
US 5447831	A	19950905	US 1993-139238	19931019
JP 07199427	A2	19950804	JP 1994-252331	19941018
PRIORITY APPLN. INFO.:			US 1993-139238	A 19931019
IT 166890-52-4P				
RL: DEV (Device component use); MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses) (Photog. element and process employing hue correction couplers)				
RN 166890-52-4	HCAPLUS			
CN 1H-Pyrazole-3-acetamide, 4,5-dihydro-4-(4-methylphenoxy)-N-octadecyl- $\alpha$ ,5-dioxo-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)				



=>

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

16.57

404.35

FILE 'REGISTRY' ENTERED AT 16:28:45 ON 18 OCT 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8  
DICTIONARY FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

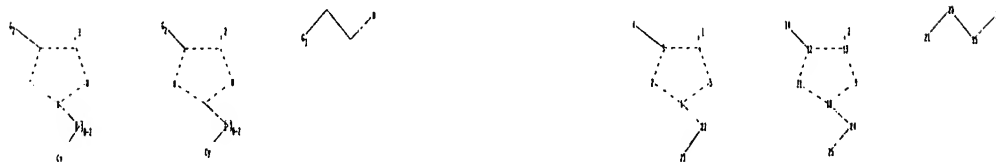
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10702149\a4.str



chain nodes :  
8 14 15 16 20 21 22 23 24 25  
ring nodes :

10/23/2006

Page 34

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1 2 3 4 5 9 10 11 12 13

chain bonds :

1-22 3-8 10-24 12-14 15-16 15-20 20-21 22-23 24-25

ring bonds :

1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13

exact/norm bonds :

1-2 1-5 1-22 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16

20-21 22-23 24-25

exact bonds :

10-24 15-20

G2:H,X,Ak,CN

G3:[\*1],[\*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom

13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS 22:CLASS 23:Atom

24:CLASS 25:Atom

Generic attributes :

23:

Saturation : Unsaturated

25:

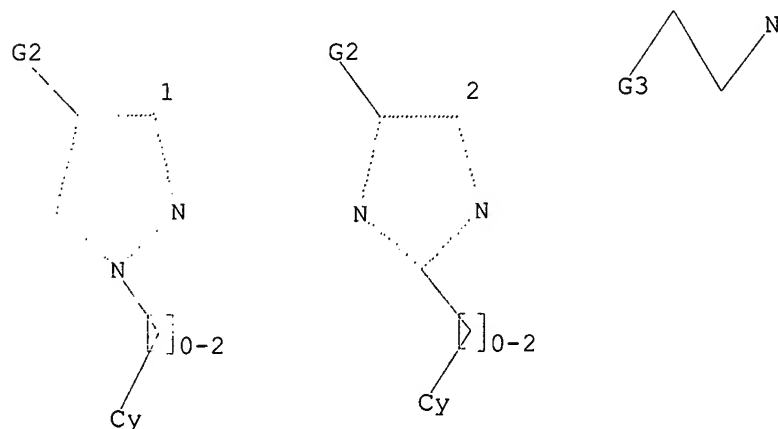
Saturation : Unsaturated

L11 STRUCTURE UPLOADED

=> d

L11 HAS NO ANSWERS

L11 STR



G1

G2 H,X,Ak,CN

G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

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=> s l11

SAMPLE SEARCH INITIATED 16:29:08 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 12621 TO ITERATE

15.8% PROCESSED 2000 ITERATIONS 9 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 245689 TO 259151  
PROJECTED ANSWERS: 683 TO 1587

L12 9 SEA SSS SAM L11

=> s l11 full

FULL SEARCH INITIATED 16:29:13 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 253355 TO ITERATE

100.0% PROCESSED 253355 ITERATIONS 1048 ANSWERS  
SEARCH TIME: 00.00.13

L13 1048 SEA SSS FUL L11

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	166.94	571.29

FILE 'HCAPLUS' ENTERED AT 16:29:31 ON 18 OCT 2006  
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FILE COVERS 1907 - 18 Oct 2006 VOL 145 ISS 17  
FILE LAST UPDATED: 17 Oct 2006 (20061017/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l13

L14 143 L13

=>

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---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

2.53

573.82

STN INTERNATIONAL LOGOFF AT 16:29:52 ON 18 OCT 2006